1600

RAW SEQUENCE LISTING   DATE: 12/07/2001
PATENT APPLICATION: US/09/665,350   TIME: 14:31:39

Input Set : N:\EBONY'S\ES.txt
Output Set: N:\CRF3\12072001\I665350.raw

p.5 (handwritten)

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 3 <110> APPLICANT: Genentech, Inc.
 4         Ashkenazi, Avi
 5         Botstein, David
 6         Desnoyers, Luc
 7         Eaton, Dan L.
 8         Ferrara, Napoleone
 9         Filvaroff, Ellen
10         Fong, Sherman
11         Gao, Wei-Qiang
12         Gerber, Hanspeter
13         Gerritsen, Mary E.
14         Goddard, A.
15         Godowski, Paul J.
16         Grimaldi, Christopher J.
17         Gurney, Austin L.
18         Hillan, Kenneth, J.
19         Kljavin, Ivar J.
20         Mather, Jennie P.
21         Pan, James
22         Paoni, Nicholas F.
23         Roy, Margaret Ann
24         Stewart, Timothy A.
25         Tumas, Daniel
26         Williams, P. Mickey
27         Wood, William, I.
29 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
30         Acids Encoding the Same
32 <130> FILE REFERENCE: 10466-14
34 <140> CURRENT APPLICATION NUMBER: 09/665,350
35 <141> CURRENT FILING DATE: 2000-09-18
37 <150> PRIOR APPLICATION NUMBER: PCT/US00/04414
38 <151> PRIOR FILING DATE: 2000-02-22
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47 <151> PRIOR FILING DATE: 1999-07-28
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52 <150> PRIOR APPLICATION NUMBER: PCT/US99/20944
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55 <150> PRIOR APPLICATION NUMBER: PCT/US99/21090
56 <151> PRIOR FILING DATE: 1999-09-15
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59 <151> PRIOR FILING DATE: 1999-09-15
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141  cggcttcgaa gaaacggaag atgcctgtgt gccgccggca gaggctgaag 1150
143  ccacagaagg agaaagcccg acacagctgc cctcccgcga agacctgtaa 1200
145  tgtgccggac ttacccttta aattattcag aaggatgtcc cgtggaaaat 1250
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PATENT APPLICATION: US/09/665,350

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Input Set : **N:\EBONY'S\ES.txt**
Output Set: **N:\CRF3\12072001\I665350.raw**

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153  cttggttgtt cttaaacaga cttgtatatt ttgatacagt tctttgtaat 1400
155  aaaattgacc attgtaggta atcaggagga aaaaaaaaaa aaaaaaaaaa 1450
157  aaagggcggc cgcgactcta gagtcgacct gcagaagctt ggccgccatg 1500
159  gcccaacttg tttattgcag cttataatgg ttacaaataa agcaatagca 1550
161  tcacaaattt cacaaataaa gcattttttt cactgcattc tagttgtggt 1600
163  ttgtccaaac tcatcaatgt atcttatcat gtctggatcg ggaattaatt 1650
165  cggcgcagca ccatggcctg aaataacctc tgaaagagga acttggttag 1700
167  gtaccttctg aggcggaaag aaccagctgt ggaatgtgtg tcagttaggg 1750
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175  <212> TYPE: PRT
176  <213> ORGANISM: Homo Sapien
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185  Cys His Arg Cys Arg Gly Leu Val Asp Lys Phe Asn Gln Gly Met
186                  35                  40                  45
188  Val Asp Thr Ala Lys Lys Asn Phe Gly Gly Gly Asn Thr Ala Trp
189                  50                  55                  60
191  Glu Glu Lys Thr Leu Ser Lys Tyr Glu Ser Ser Glu Ile Arg Leu
192                  65                  70                  75
194  Leu Glu Ile Leu Glu Gly Leu Cys Glu Ser Ser Asp Phe Glu Cys
195                  80                  85                  90
197  Asn Gln Met Leu Glu Ala Gln Glu Glu His Leu Glu Ala Trp Trp
198                  95                  100                 105
200  Leu Gln Leu Lys Ser Glu Tyr Pro Asp Leu Phe Glu Trp Phe Cys
201                  110                 115                 120
203  Val Lys Thr Leu Lys Val Cys Cys Ser Pro Gly Thr Tyr Gly Pro
204                  125                 130                 135
206  Asp Cys Leu Ala Cys Gln Gly Gly Ser Gln Arg Pro Cys Ser Gly
207                  140                 145                 150
209  Asn Gly His Cys Ser Gly Asp Gly Ser Arg Gln Gly Asp Gly Ser
210                  155                 160                 165
212  Cys Arg Cys His Met Gly Tyr Gln Gly Pro Leu Cys Thr Asp Cys
213                  170                 175                 180
216  Met Asp Gly Tyr Phe Ser Ser Leu Arg Asn Glu Thr His Ser Ile
217                  185                 190                 195
219  Cys Thr Ala Cys Asp Glu Ser Cys Lys Thr Cys Ser Gly Leu Thr
220                  200                 205                 210
222  Asn Arg Asp Cys Gly Glu Cys Glu Val Gly Trp Val Leu Asp Glu
223                  215                 220                 225
225  Gly Ala Cys Val Asp Val Asp Glu Cys Ala Ala Glu Pro Pro Pro
226                  230                 235                 240
228  Cys Ser Ala Ala Gln Phe Cys Lys Asn Ala Asn Gly Ser Tyr Thr
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234   Pro Gly Asn Cys Lys Glu Cys Ile Ser Gly Tyr Ala Arg Glu His
235                   275            280            285
237   Gly Gln Cys Ala Asp Val Asp Glu Cys Ser Leu Ala Glu Lys Thr
238                   290            295            300
240   Cys Val Arg Lys Asn Glu Asn Cys Tyr Asn Thr Pro Gly Ser Tyr
241                   305            310            315
243   Val Cys Val Cys Pro Asp Gly Phe Glu Glu Thr Glu Asp Ala Cys
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246   Val Pro Pro Ala Glu Ala Glu Ala Thr Glu Gly Glu Ser Pro Thr
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264   gcagagtatc tgacggcgcc aggttgcgta ggtgcggcac gaggagtttt 200
266   cccggcagcg aggaggtcct gagcagcatg gcccggagga gcgccttccc 250
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272   gctcaccagg caagagtact cataggattt gaagaagata tcctgattgt 400
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303   agcaaatgta gtgttccaa aggttaccag ggagacctct gttcaaagcc 1150
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311   gcacacgcct tcacttaaaa aggccgagga gcggcgggat ccacctgaat 1350
313   ccaattacat ctggtgaact ccgacatctg aaacgtttta agttacacca 1400
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RAW SEQUENCE LISTING   DATE: 12/07/2001
PATENT APPLICATION: US/09/665,350   TIME: 14:31:39

Input Set : N:\EBONY'S\ES.txt
Output Set: N:\CRF3\12072001\I665350.raw

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323  tatgtcaatt gatcaggtta aaattttcag tgtgtagttg gcagatattt 1650
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329  taatgttgaa gttacagcat ttcagatttt attgtcagat atttagatgt 1800
331  ttgttacatt tttaaaaatt gctcttaatt tttaaactct caatacaata 1850
333  tattttgacc ttaccattat tccagagatt cagtattaaa aaaaaaaaaa 1900
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339  aatatattgt aaacaaaaca cagctcttac ctaataaaca ttttatactg 2050
341  tttgtatgta taaaataaag gtgctgcttt agtttttttgg aaaaaaaaaa 2100
343  aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa gggcggccgc gactctagag 2150
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351 <211> LENGTH: 379
352 <212> TYPE: PRT
353 <213> ORGANISM: Homo Sapien

355 <400> SEQUENCE: 4

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360                  20                  25                  30
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363                  35                  40                  45
365  Arg Val Leu Ile Gly Phe Glu Glu Asp Ile Leu Ile Val Ser Glu
366                  50                  55                  60
368  Gly Lys Met Ala Pro Phe Thr His Asp Phe Arg Lys Ala Gln Gln
369                  65                  70                  75
371  Arg Met Pro Ala Ile Pro Val Asn Ile His Ser Met Asn Phe Thr
372                  80                  85                  90
374  Trp Gln Ala Ala Gly Gln Ala Glu Tyr Phe Tyr Glu Phe Leu Ser
375                  95                 100                 105
377  Leu Arg Ser Leu Asp Lys Gly Ile Met Ala Asp Pro Thr Val Asn
378                 110                 115                 120
380  Val Pro Leu Leu Gly Thr Val Pro His Lys Ala Ser Val Val Gln
381                 125                 130                 135
383  Val Gly Phe Pro Cys Leu Gly Lys Gln Asp Gly Val Ala Ala Phe
384                 140                 145                 150
386  Glu Val Asp Val Ile Val Met Asn Ser Glu Gly Asn Thr Ile Leu
387                 155                 160                 165
389  Gln Thr Pro Gln Asn Ala Ile Phe Phe Lys Thr Cys Gln Gln Ala
390                 170                 175                 180
392  Glu Cys Pro Gly Gly Cys Arg Asn Gly Gly Phe Cys Asn Glu Arg
393                 185                 190                 195
395  Arg Ile Cys Glu Cys Pro Asp Gly Phe His Gly Pro His Cys Glu
396                 200                 205                 210
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VERIFICATION SUMMARY   DATE: 12/07/2001
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Input Set : **N:\EBONY'S\ES.txt**
Output Set: **N:\CRF3\12072001\I665350.raw**

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L:4666 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113
L:5251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131
L:6947 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:174
L:7127 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175
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